

BEST AVAILABLE COPY

Fig.1A

BEST AVAILABLE COPY

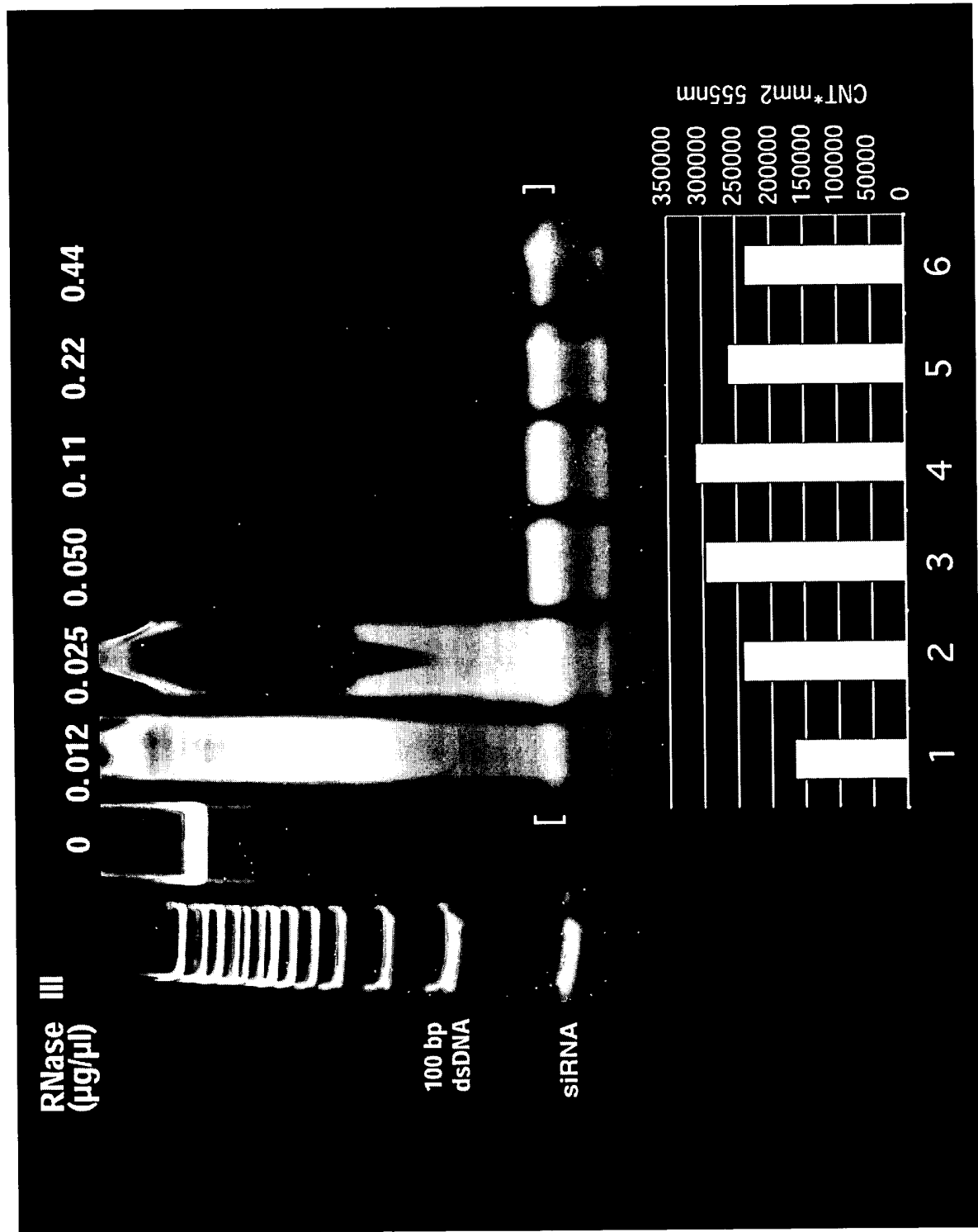


Fig.1B

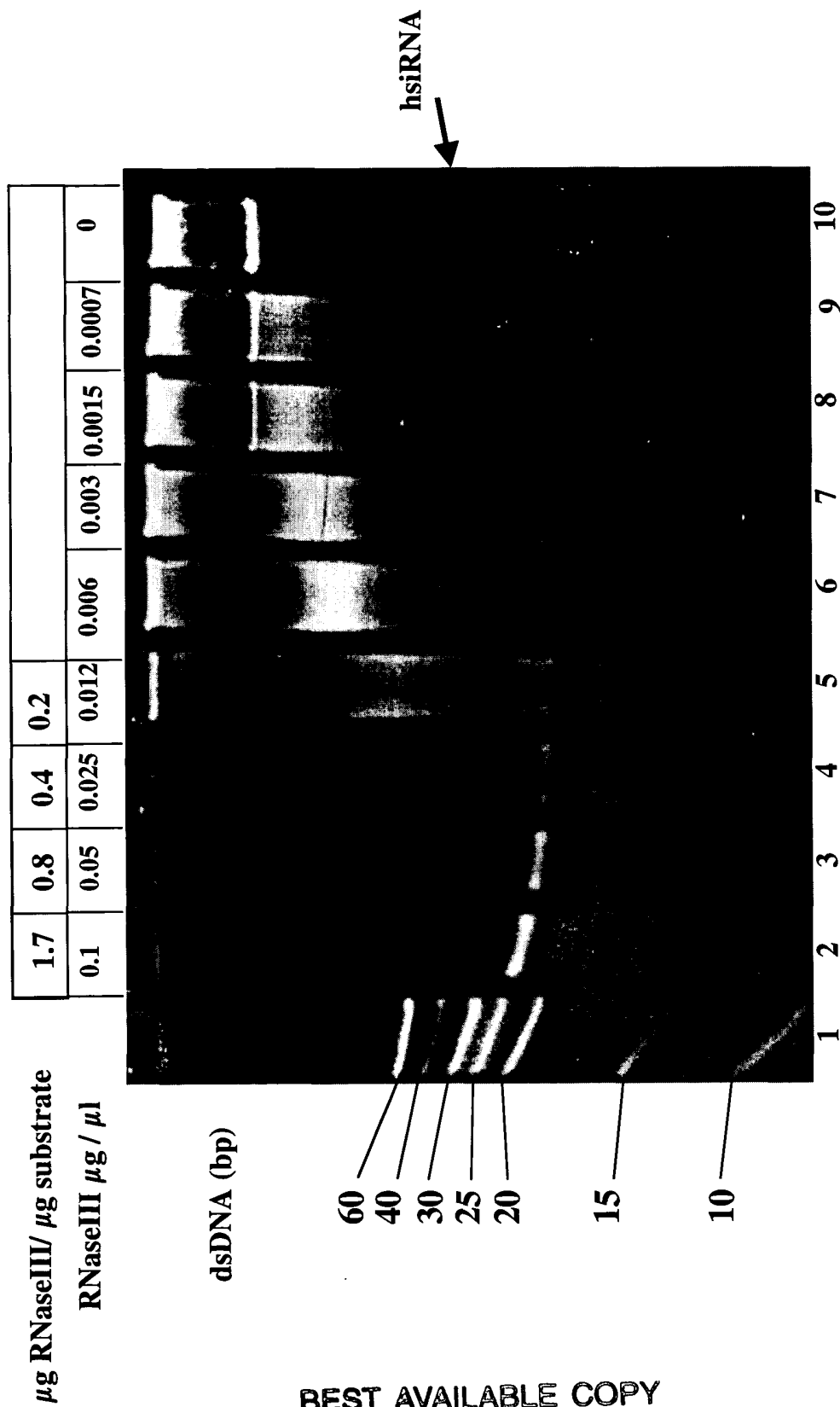


Fig.1C

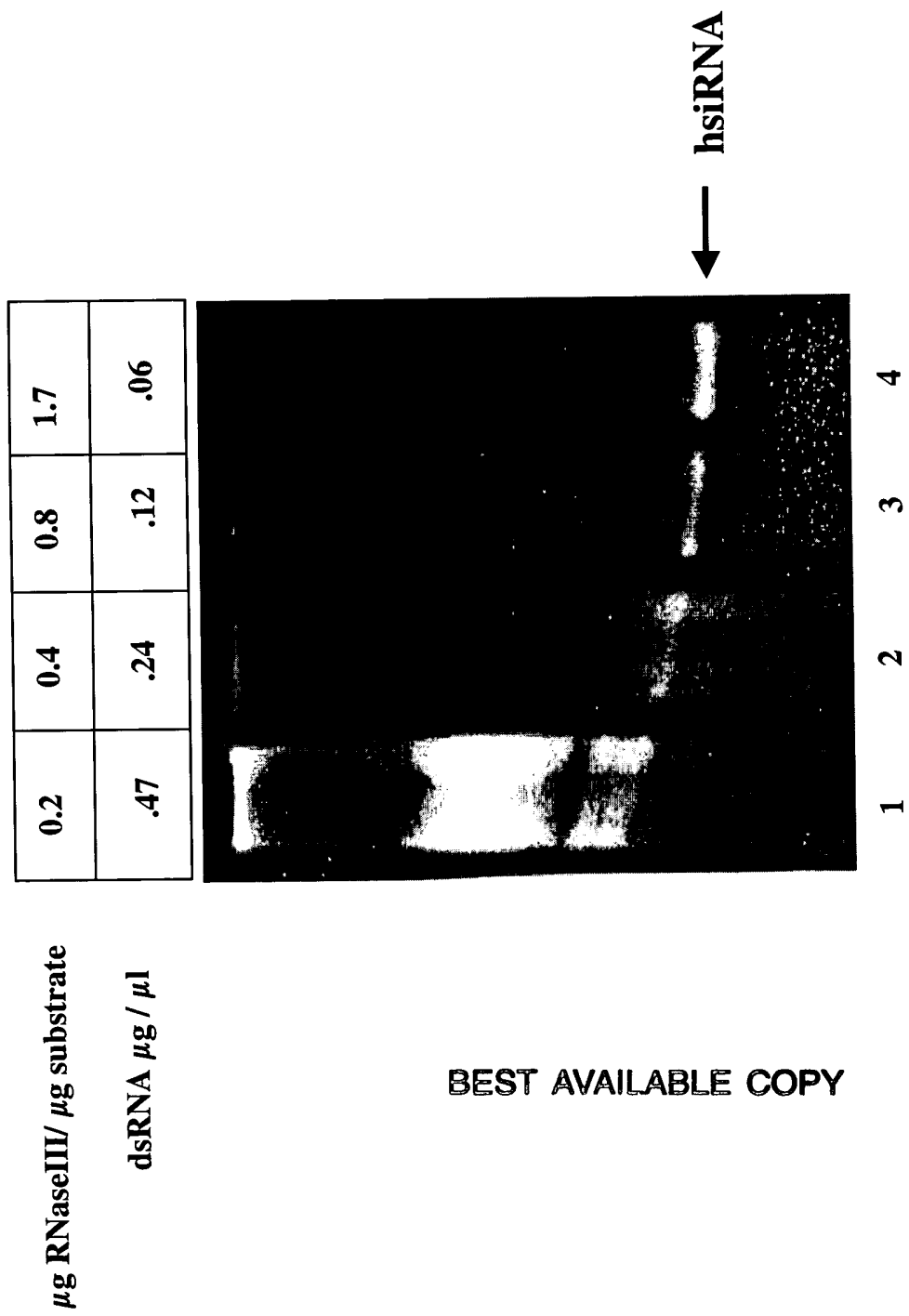
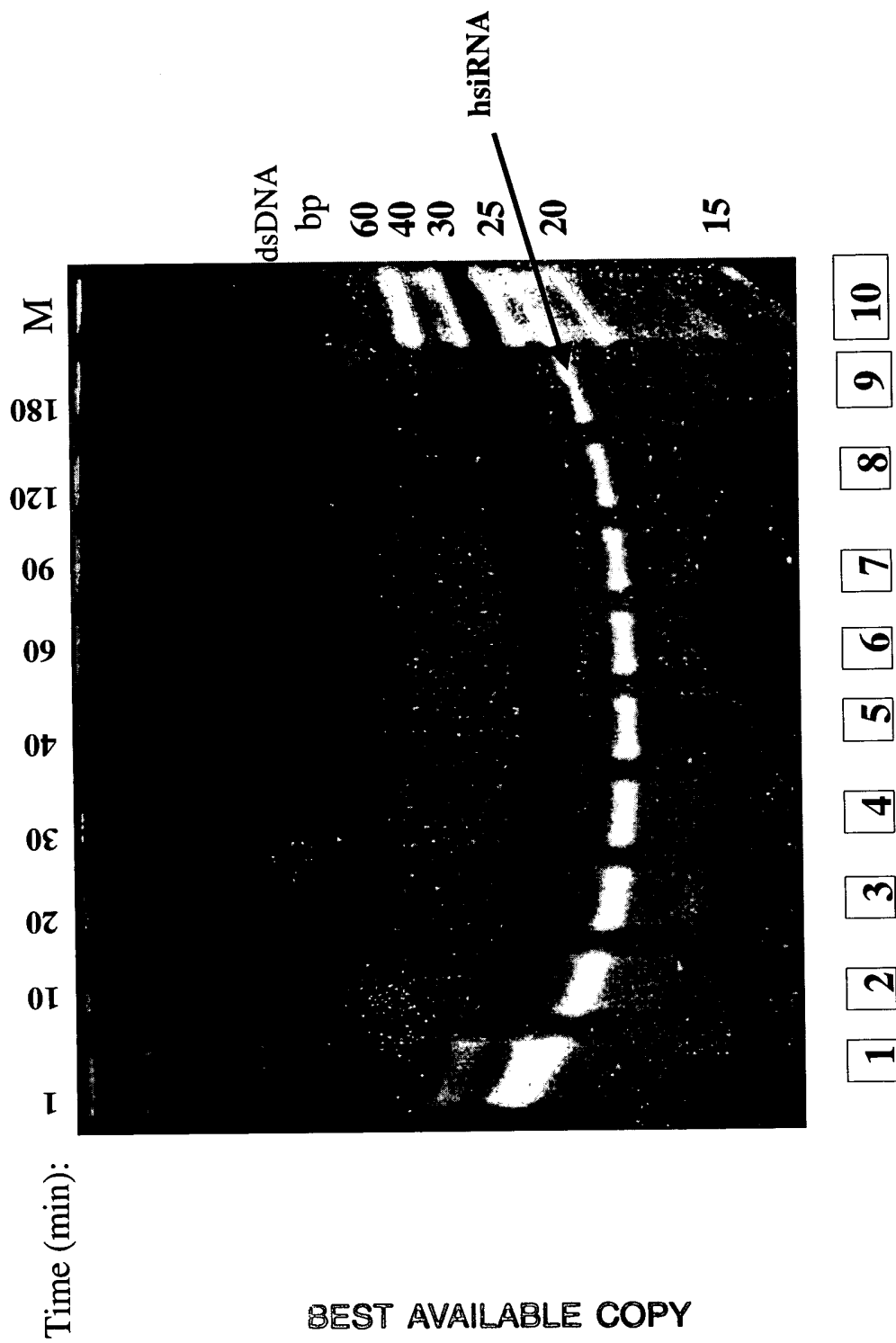
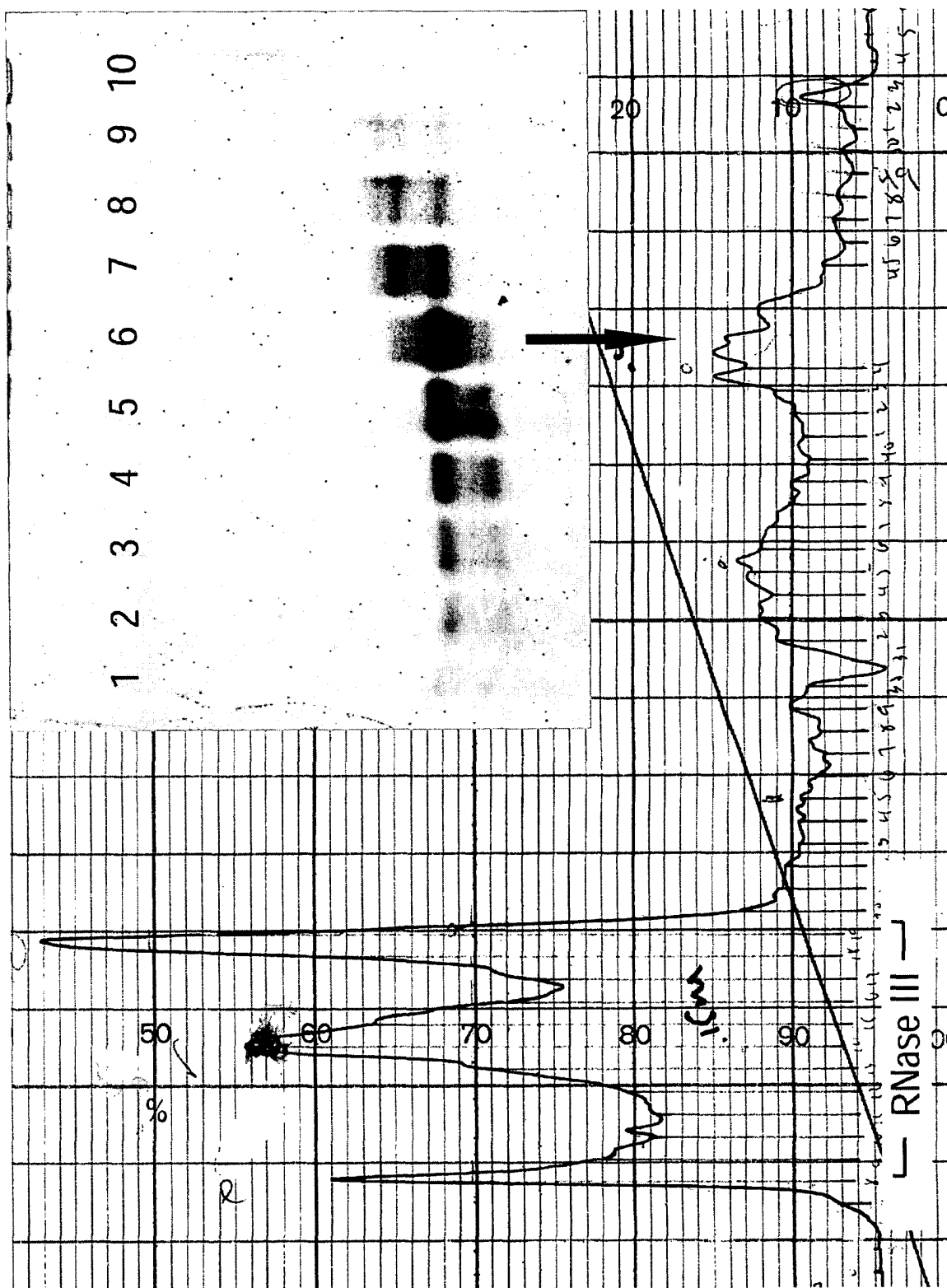


Fig.1D



BEST AVAILABLE COPY

Fig.1E



BEST AVAILABLE COPY

Fig. 1F

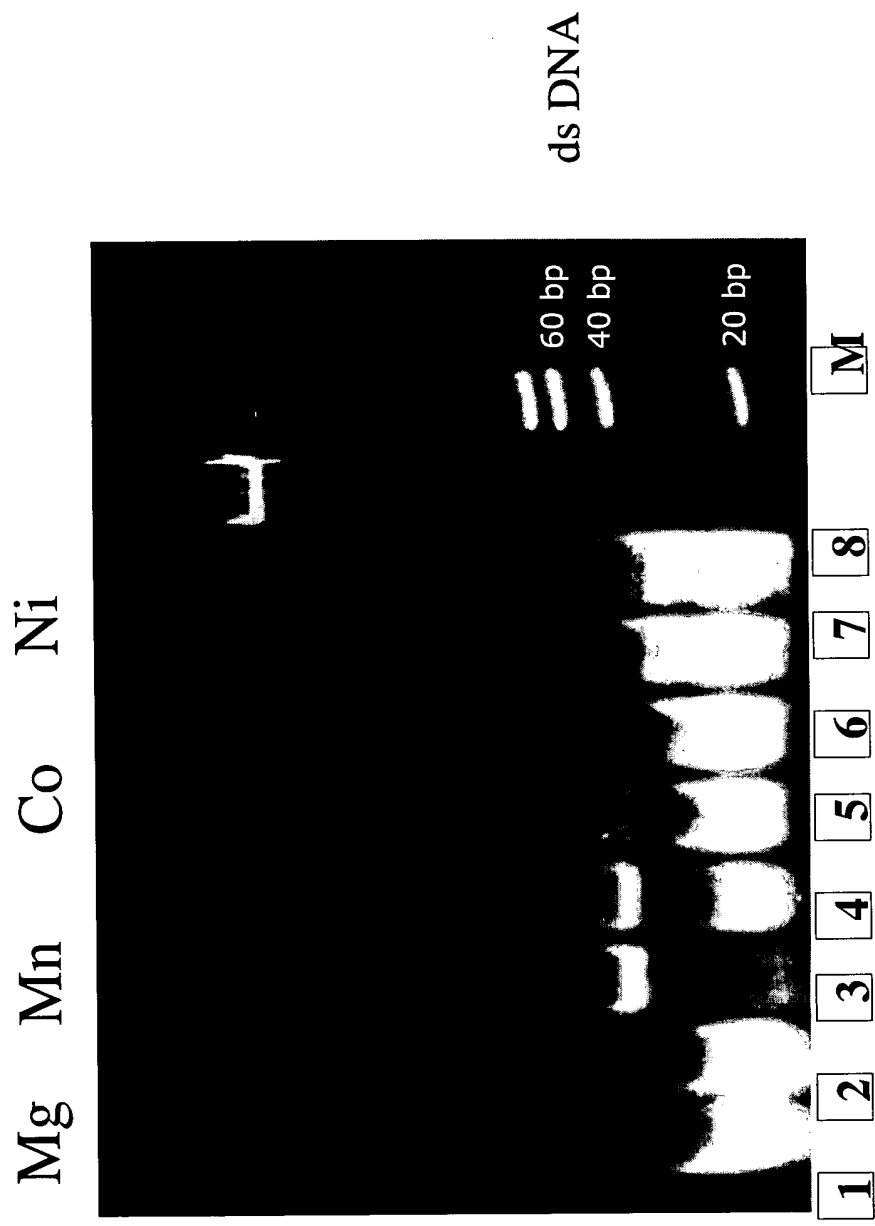
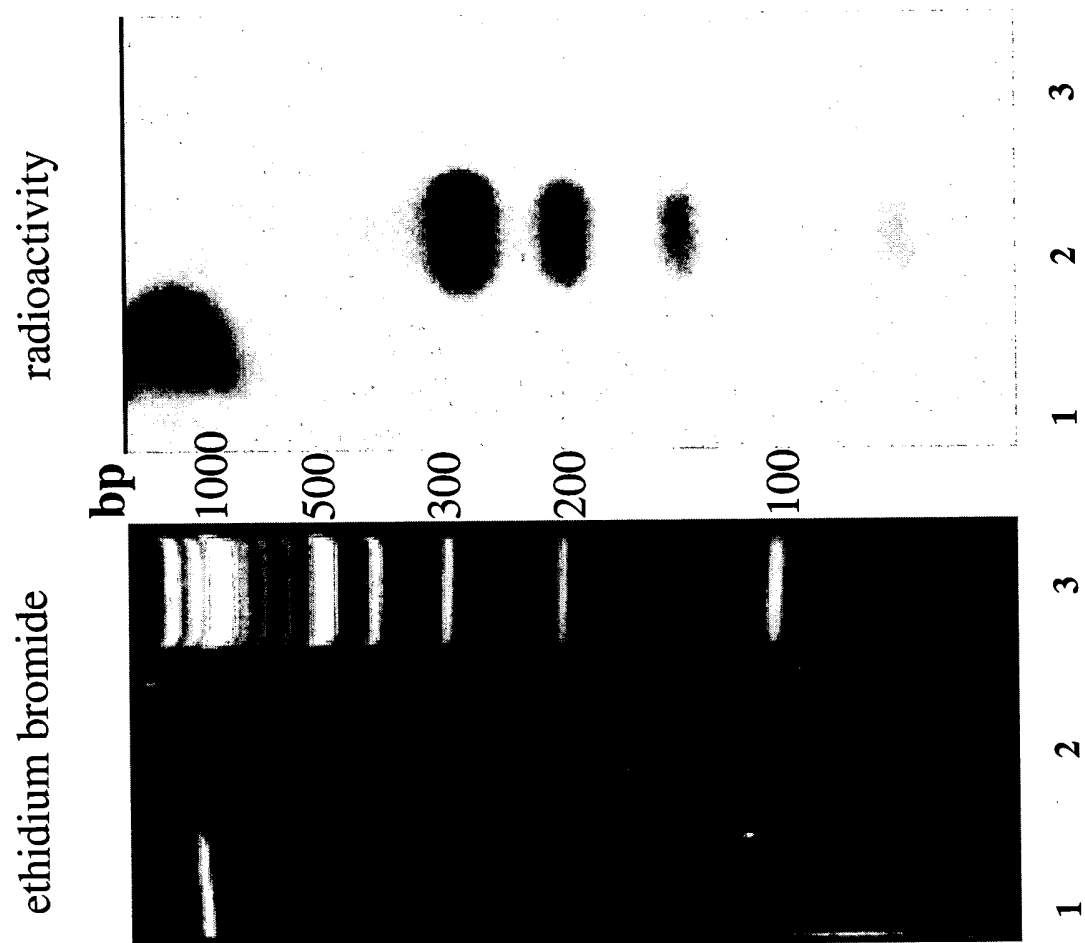


Fig. 2



BEST AVAILABLE COPY

Fig. 3A

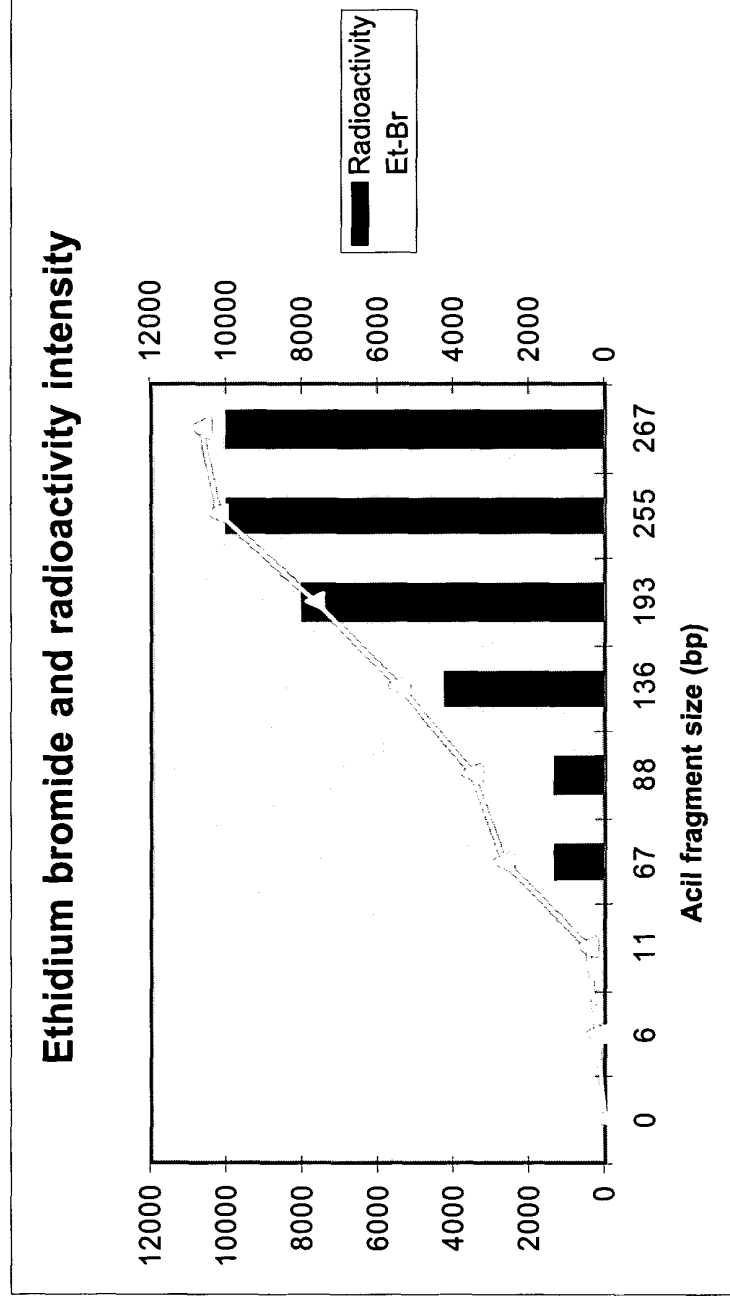


Fig. 3B

Cloning of RNase III digestion products

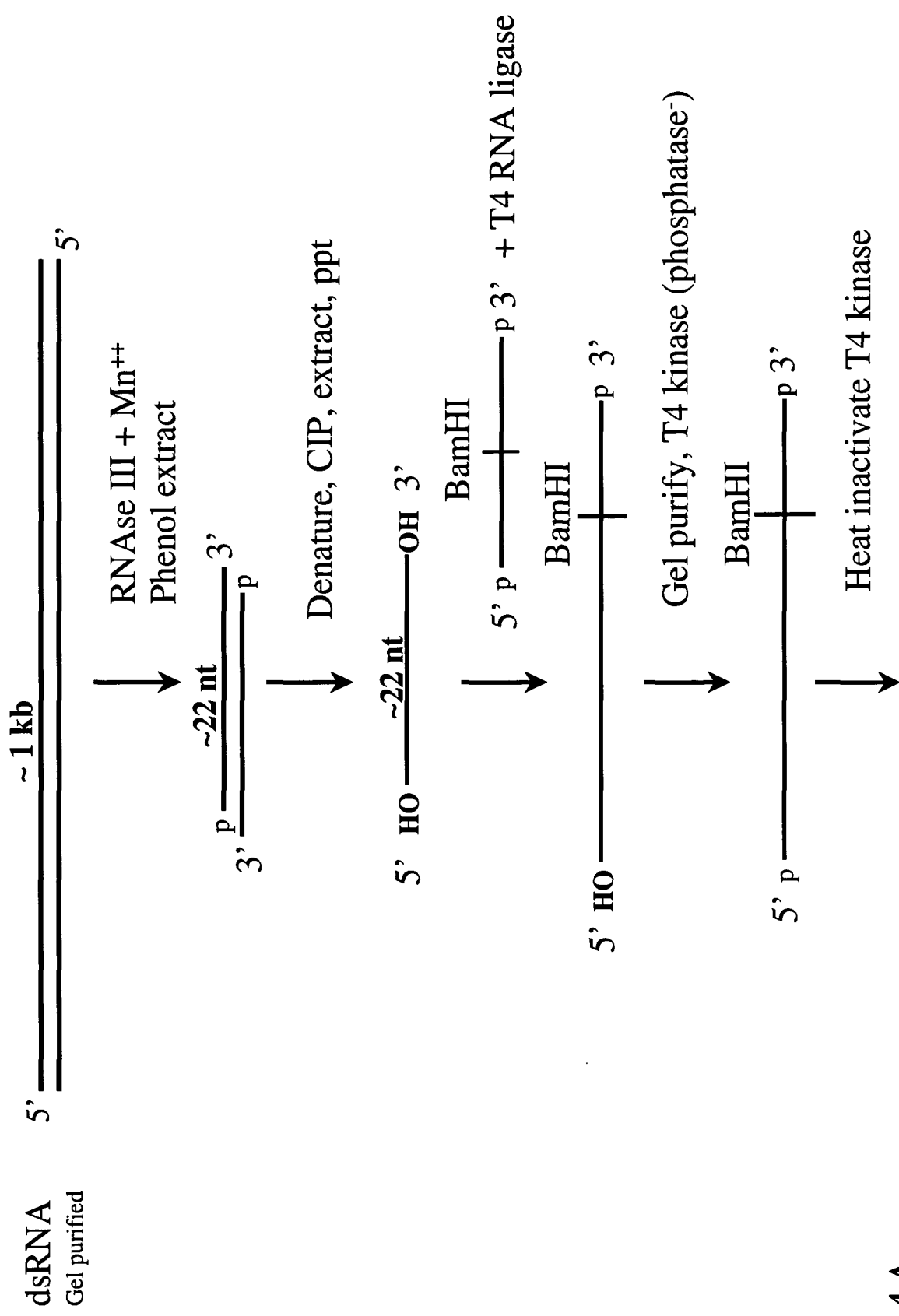


Fig. 4A

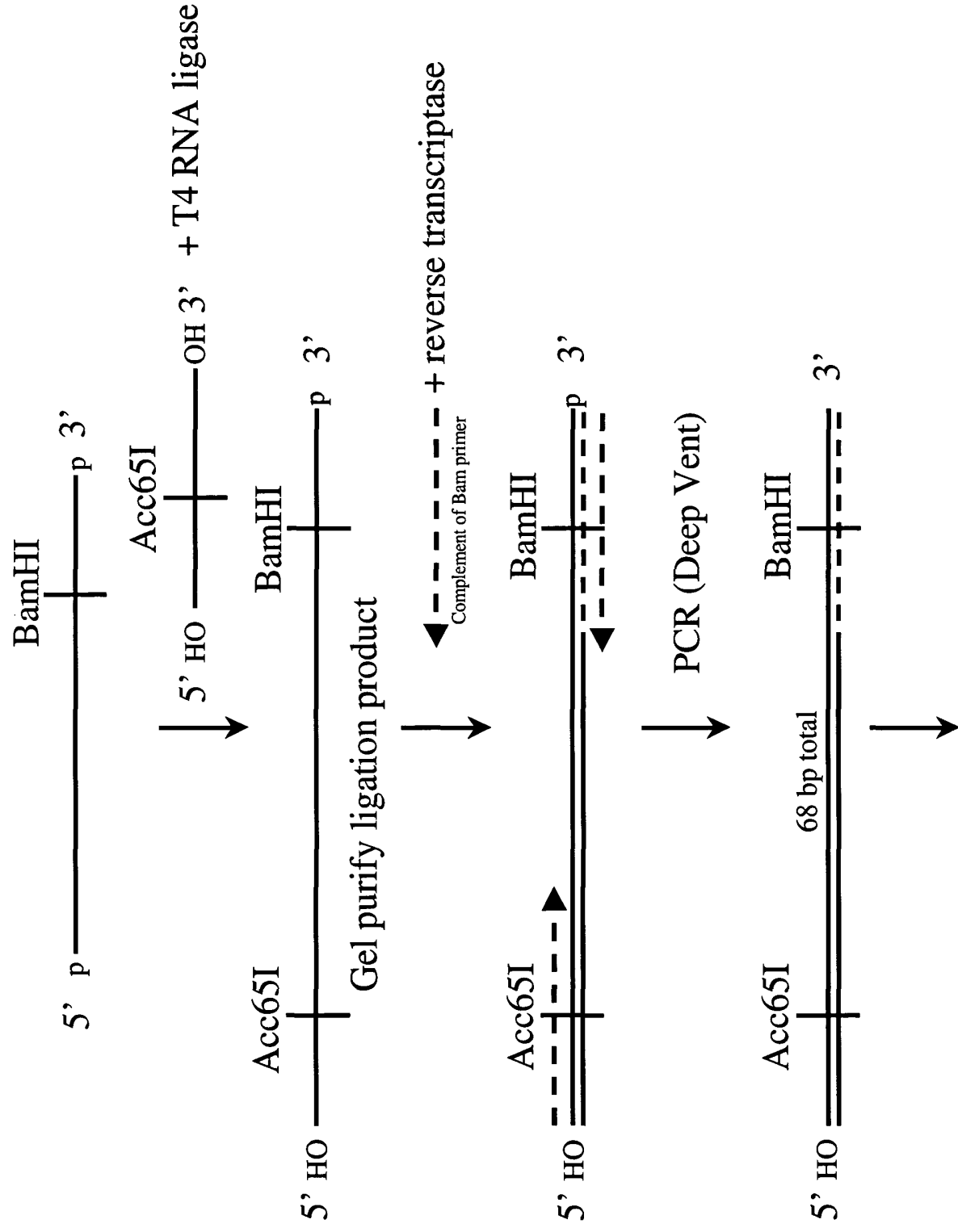


Fig. 4A (cont.)

Digest library with Acc65I and BamHI, clone into pUC19

Mapping cloned RNA fragments onto original malE transcript

BglII-EcoRI malE fragment cloned in LITMUS 28i:

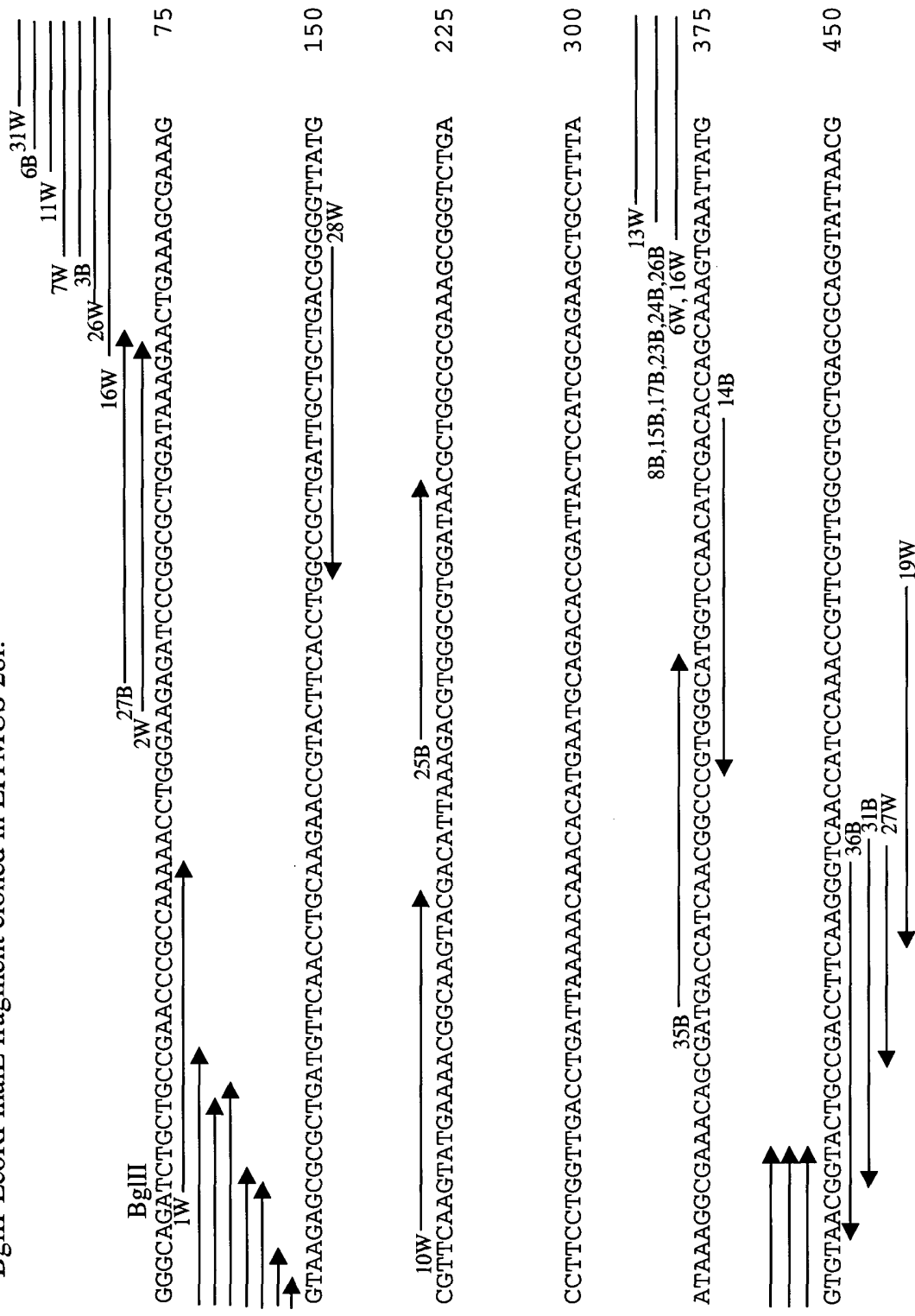


Fig. 4B

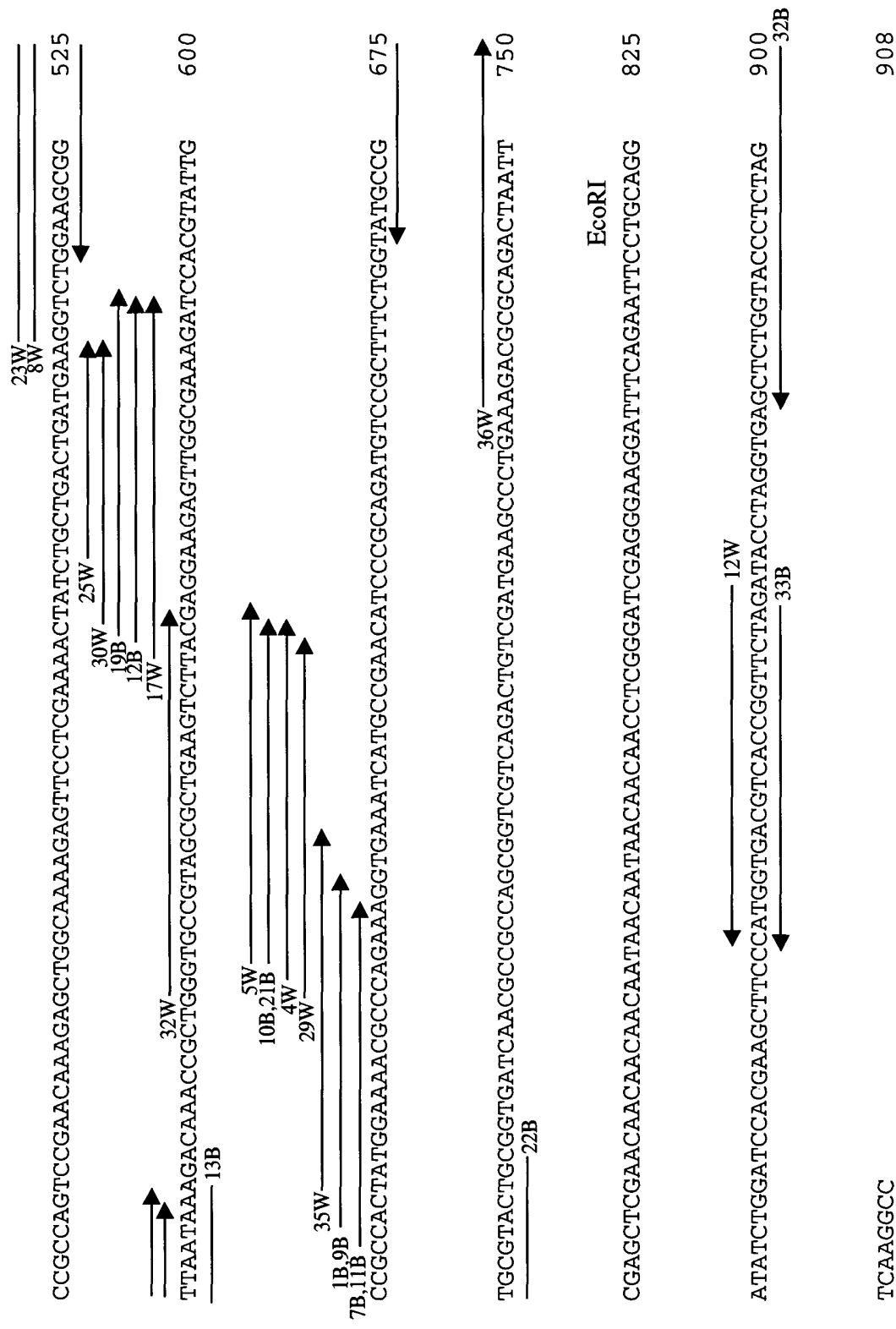


Fig. 4B (cont.)

Mapping cloned RNA fragments onto original GFP transcript

NheI-BsrGI GFP fragment cloned in LITMUS 38i:

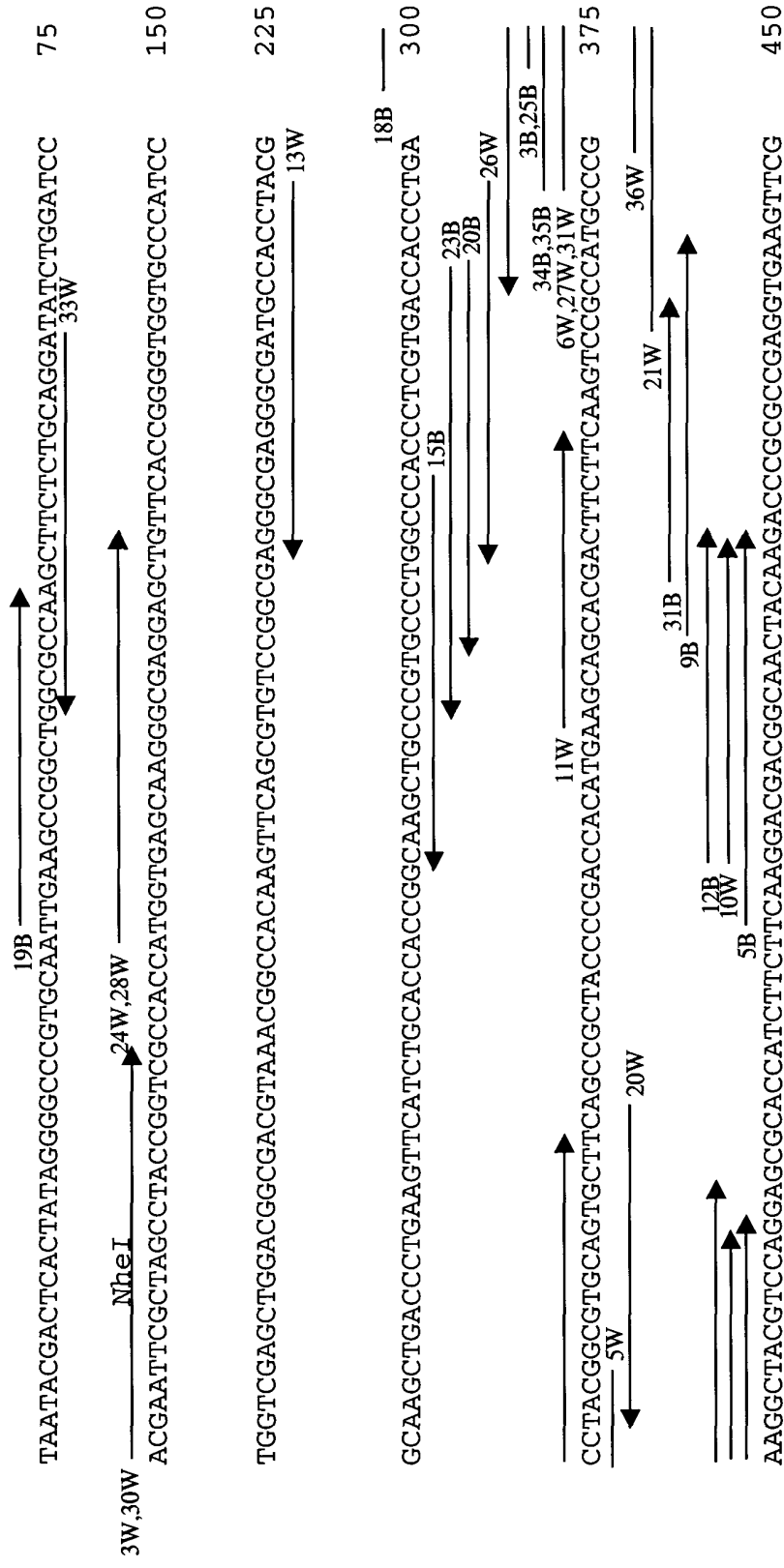


Fig. 4C

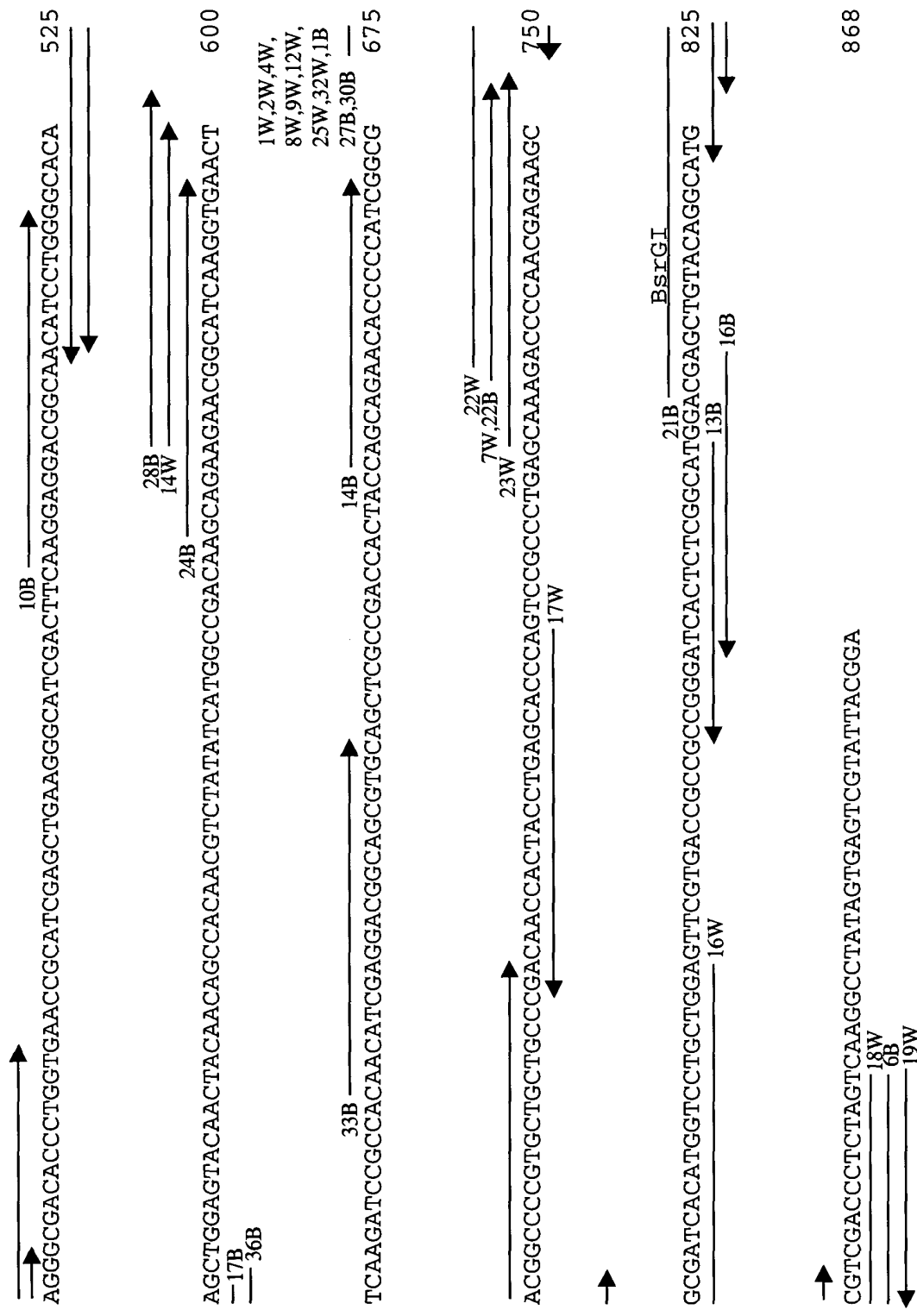
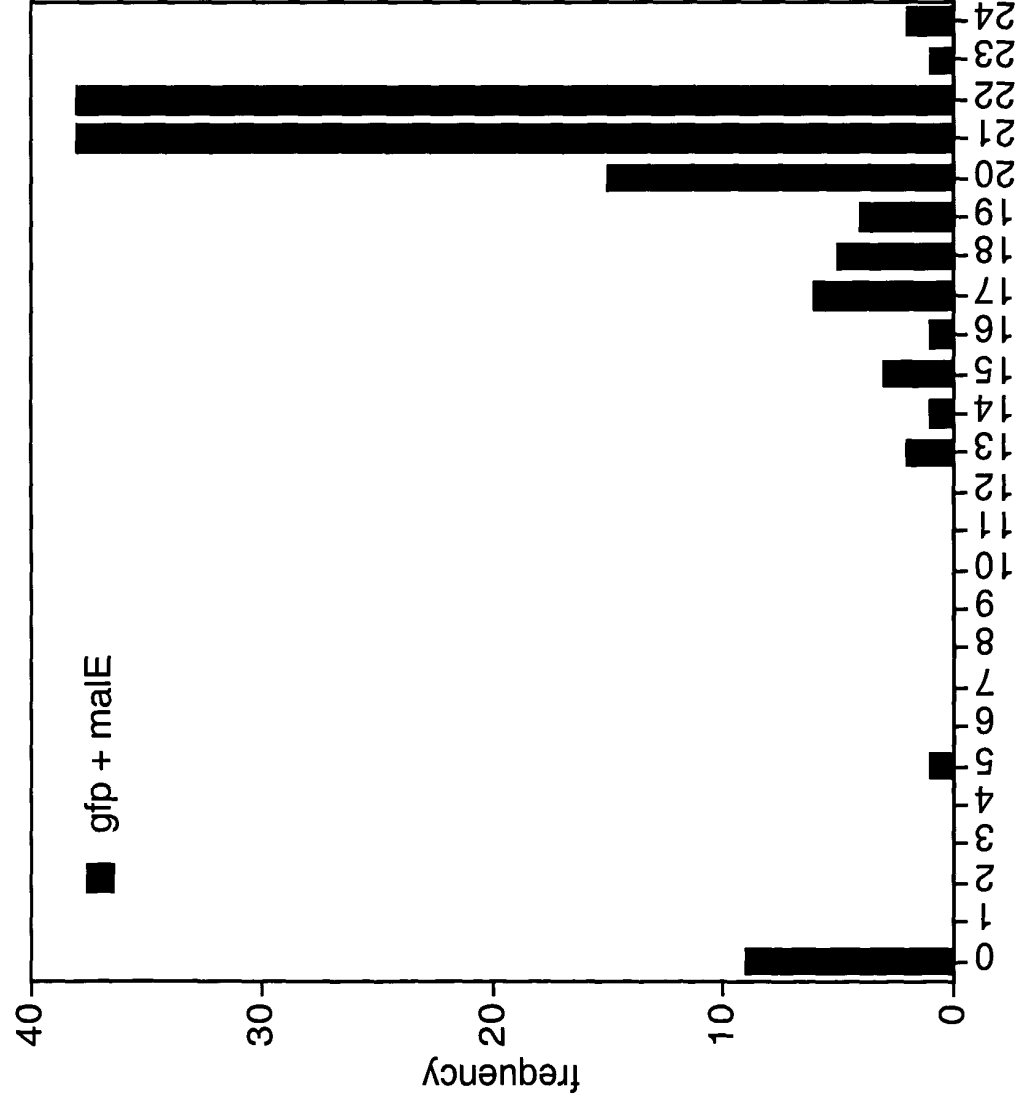


Fig. 4C (cont.)

Insert length summary- total clones from both genes



length	frequency
0	9
5	1
13	2
14	1
15	3
16	1
17	6
18	5
19	4
20	15
21	38
22	38
23	1
24	2
total	126

Fig. 4D

Firefly luciferase silencing in *Drosophila* S2 cells

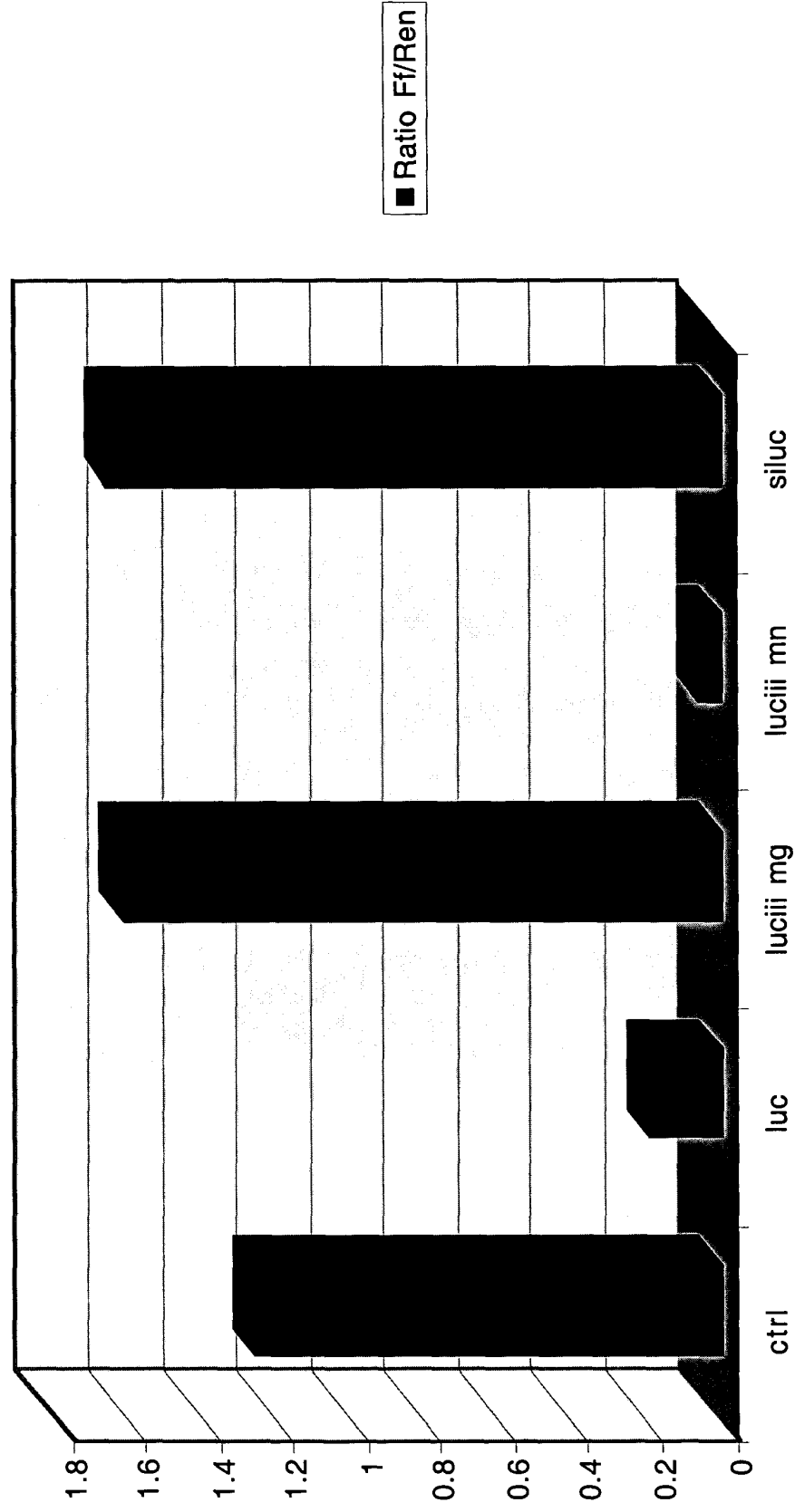


Fig. 5

EGFP silencing in HEK-293 cells



i

control



ii

GFP dsRNA

RNase III Mn++

BEST AVAILABLE COPY

Fig. 6A

Luciferase is unaffected by GFP hsiRNA in HEK-293 cells

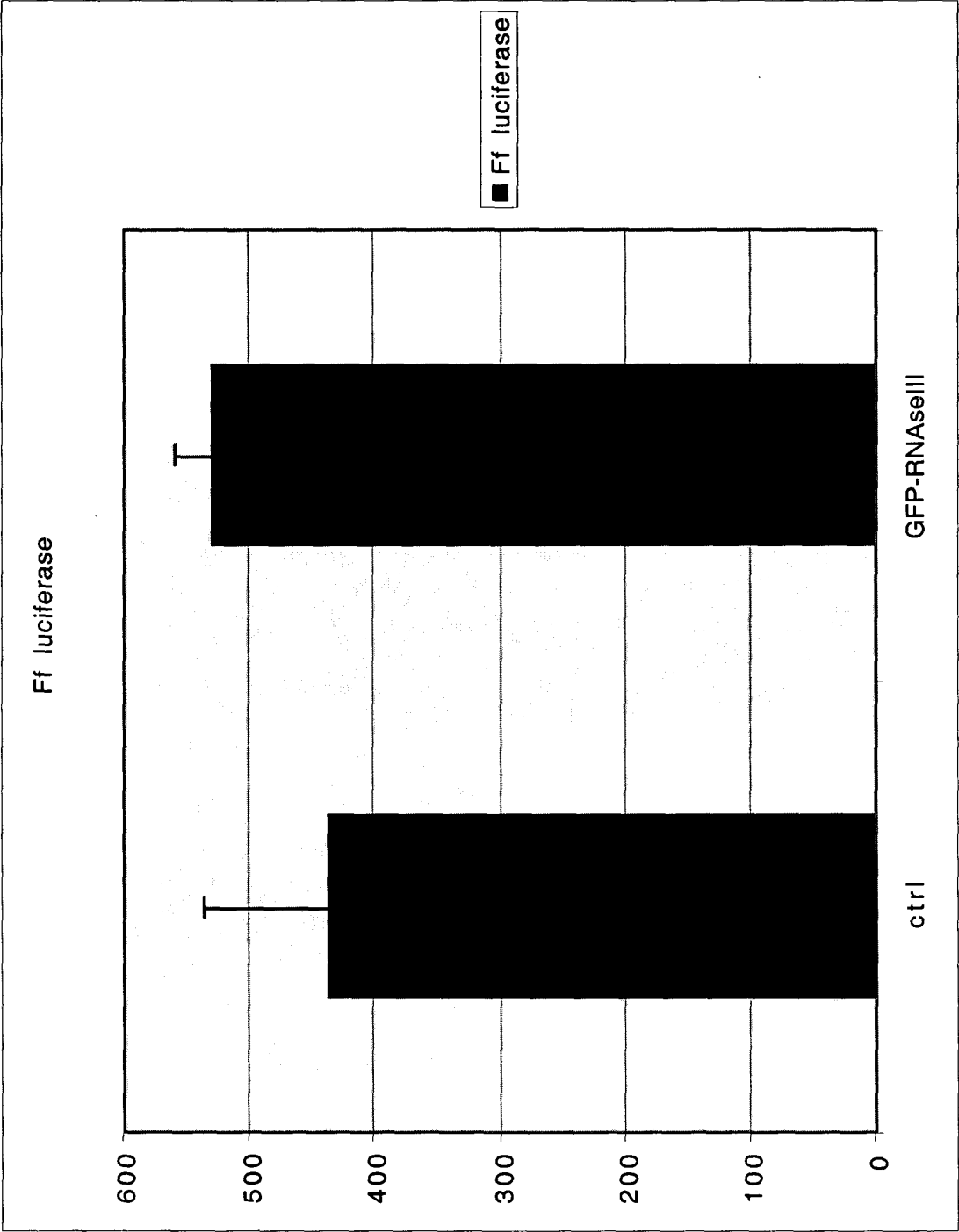


Fig. 6B

Luciferase silencing by luciferase hsiRNA in HEK-293 cells

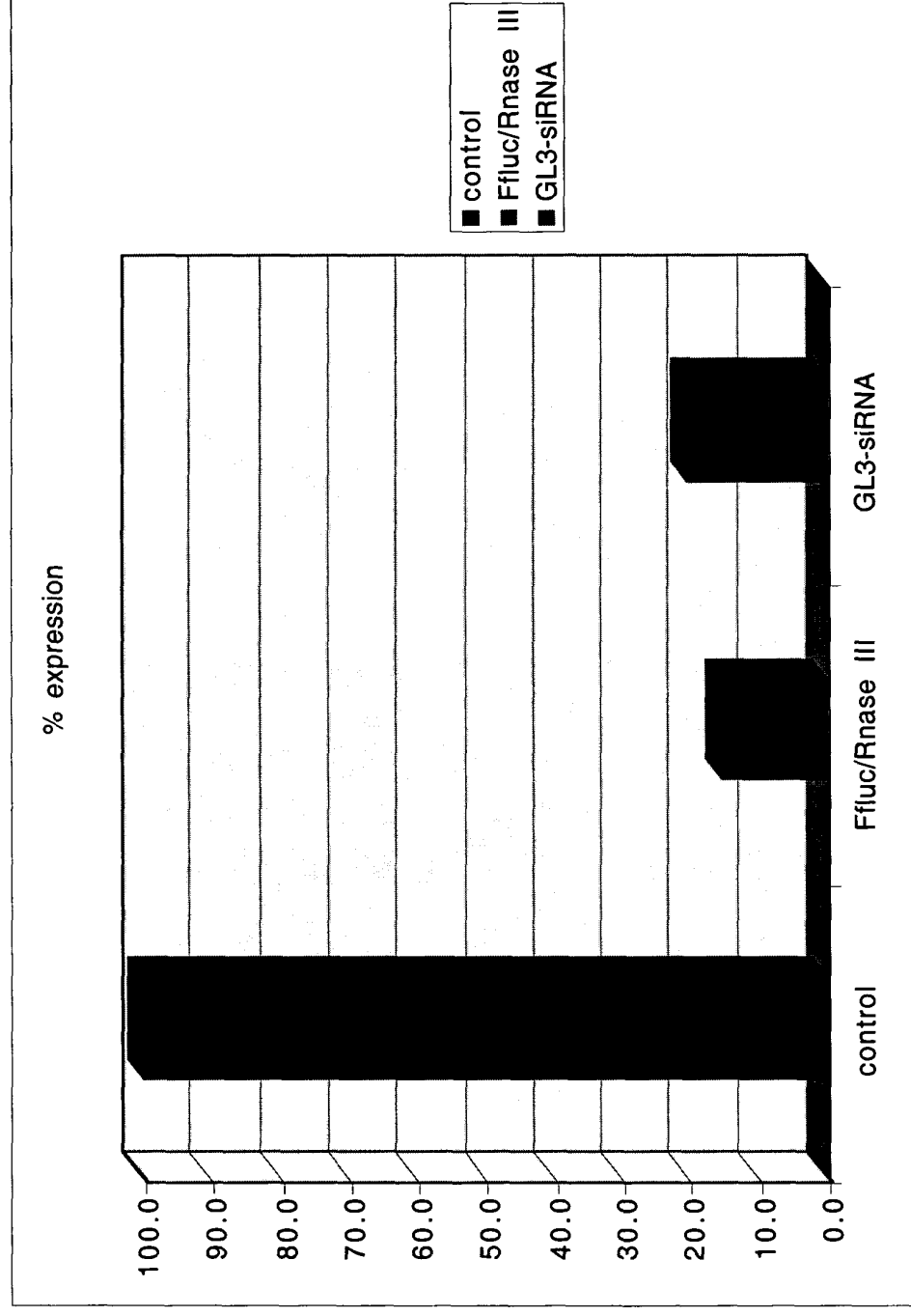


Fig. 6C

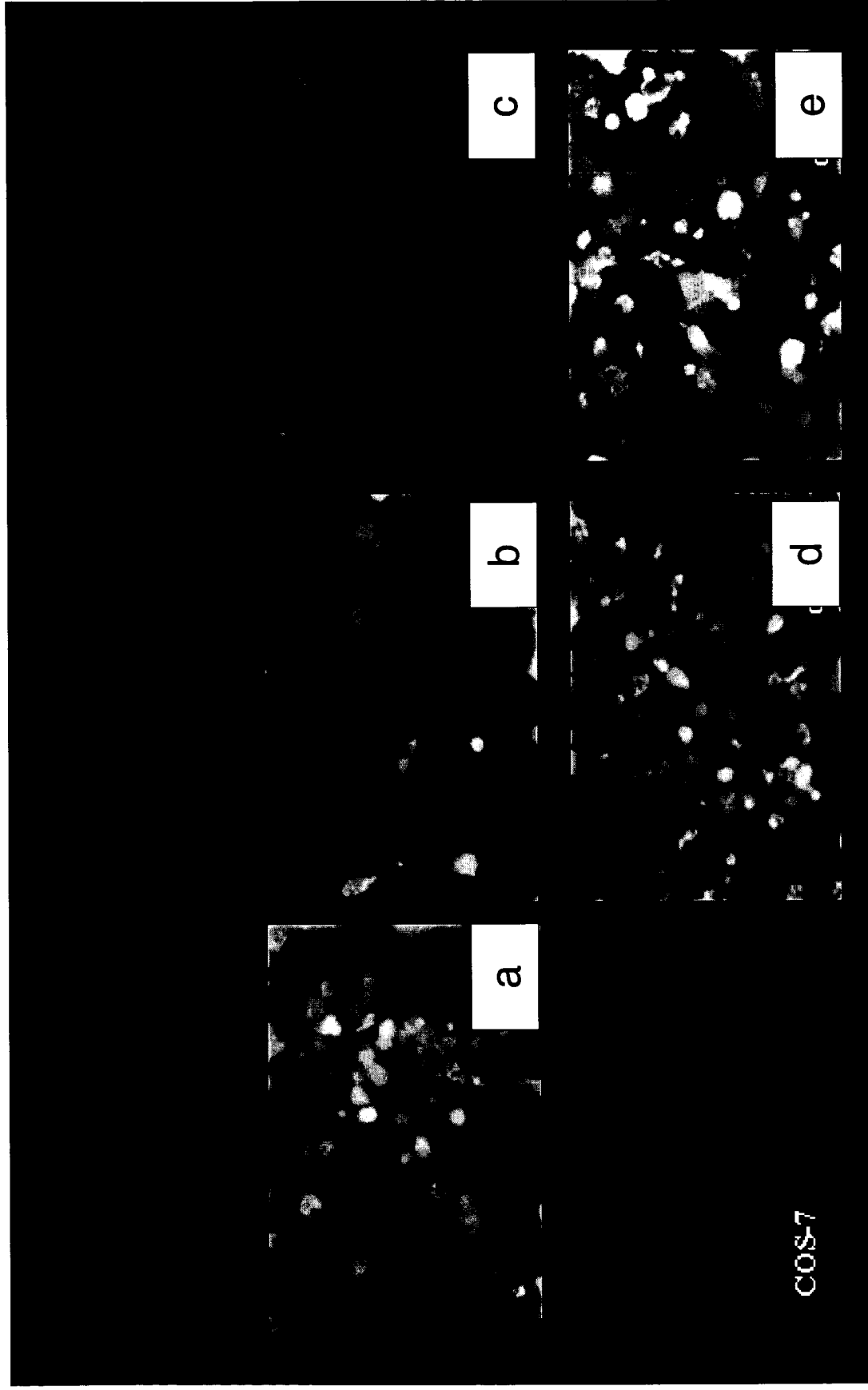


Fig. 7

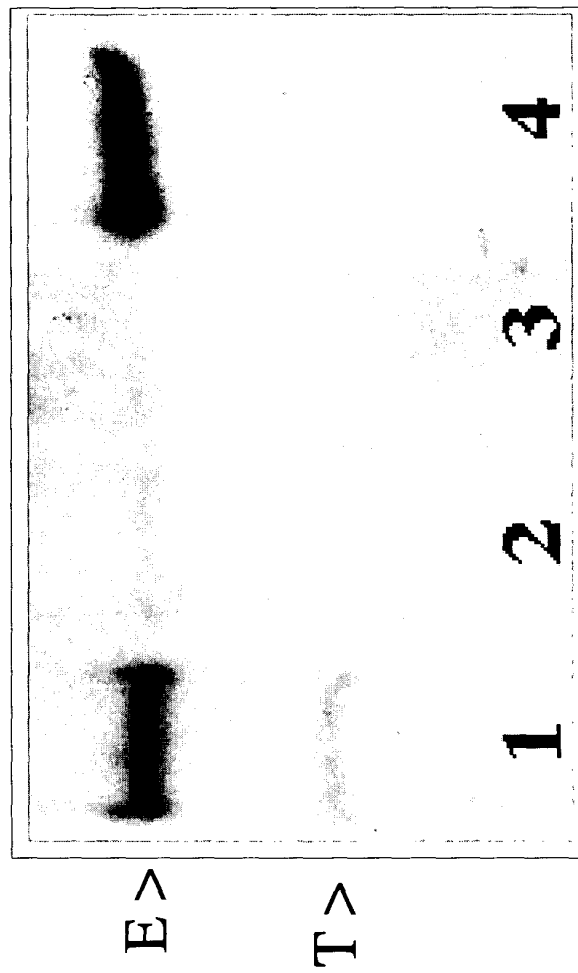


Fig. 8A

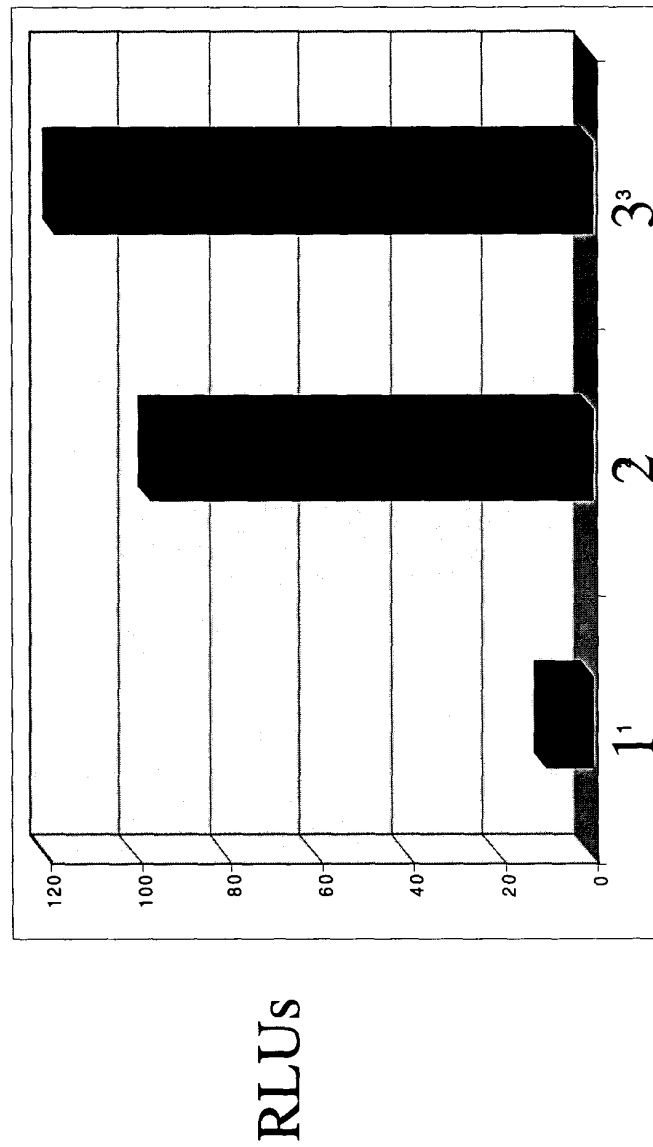


Fig. 8B

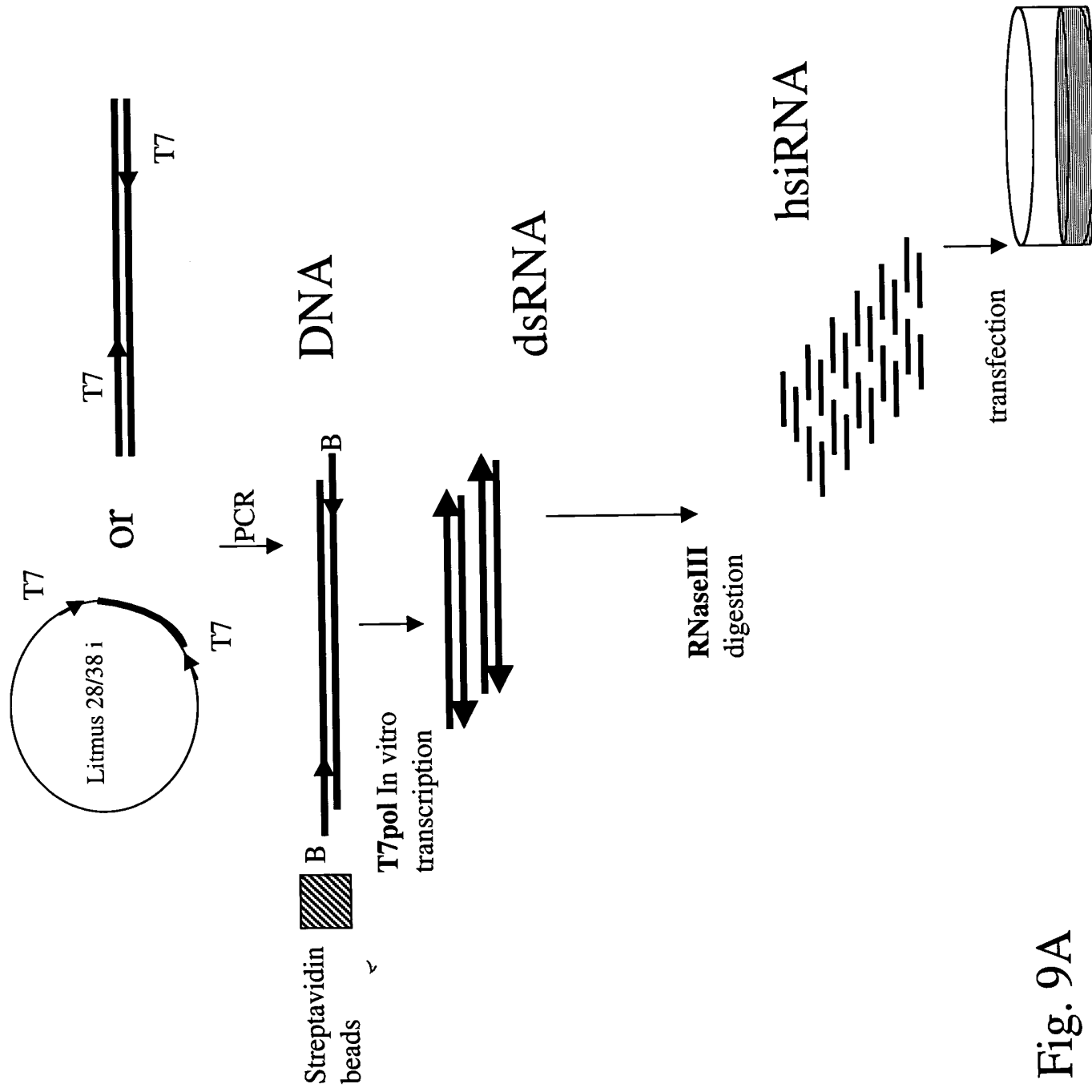
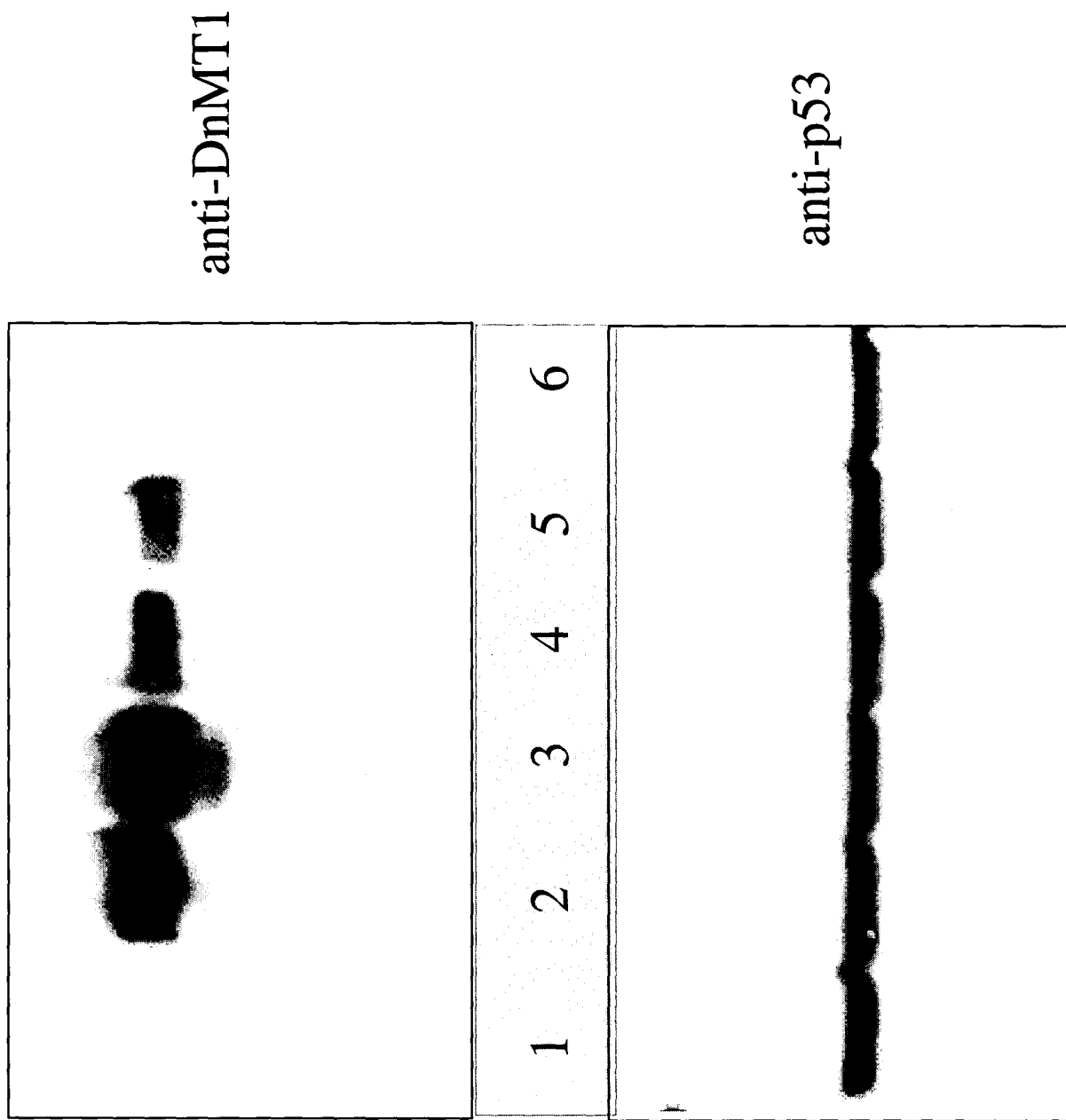


Fig. 9A



BEST AVAILABLE COPY

Fig. 10

sites cleaved by siRNA/RISC

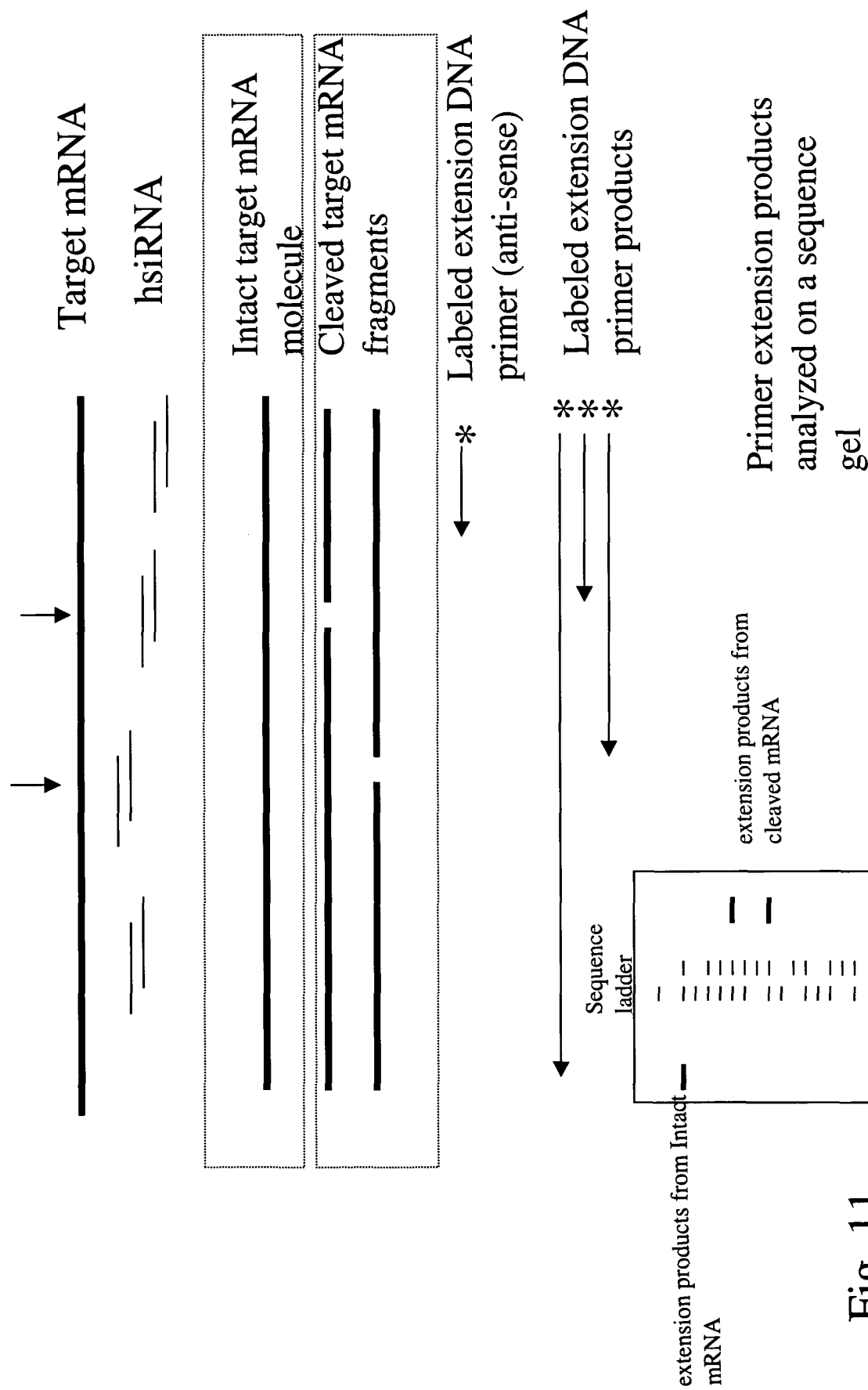


Fig. 11